

Wenner, Rebecca

From: Bredehoft, Deborah
Sent: Wednesday, September 28, 2016 4:51 PM
To: Wenner, Rebecca
Subject: FW: CRT glass processing (Recycletronics in Iowa)
Attachments: CVG1080 FINAL 07 24 12 1524.pdf; CVI1562 FINAL 10 02 12 925.pdf

From: Buckner, Edwin
Sent: Tuesday, September 22, 2015 3:00 PM
To: Bredehoft, Deborah <bredehoft.deborah@epa.gov>
Subject: FW: CRT glass processing (Recycletronics in Iowa)

Edwin G. Buckner PE
EPA Region 7
913-551-7621

From: Aycock, Jim
Sent: Tuesday, September 15, 2015 9:59 AM
To: Buckner, Edwin <Buckner.Edwin@epa.gov>
Subject: FW: CRT glass processing (Recycletronics in Iowa)

FYI, in case you'd like to respond to Mr. Zach.

Jim Aycock
RCRA Enforcement/Compliance Officer
Waste Enforcement and Materials Management Branch
Air and Waste Management Division
U.S. Environmental Protection Agency
11201 Renner Blvd.
Lenexa, Kansas 66219
Phone: 913-551-7887
Email: aycock.jim@epa.gov
Fax: 913-551-7065

RCRA



From: Zach, Donnie [<mailto:donnie.zach@nebraska.gov>]
Sent: Tuesday, September 15, 2015 9:57 AM
To: Aycock, Jim
Subject: FW: CRT glass processing (Recycletronics in Iowa)

Jim,

Just wanted to keep you updated on the Recycletronics sites in Iowa & Nebraska.

Below is an email between me and the owner, Aaron Rochester. I spoke with him numerous times. It appears all the CRT processing is taking place in Iowa and they are just storing the crushed glass material in Nebraska. He said the crushed glass is a mixture of leaded and non-lead glass.

It sounds like he talked to Ed Buckner on Friday and Ed told him to do an analysis on the crushed glass.

We want to make sure he does an analysis of glass from CRT's alone prior to being mixed with any other glass.

NDEQ will likely be sending him a LOW for failure to do a hazardous waste determination on the crushed CRT glass that he brought into Nebraska.



Donnie Zach

NE Dept. of Environmental Quality
Waste Management Compliance
Phone - (402) 471-2175
1200 N Street
P.O. Box 98922
Lincoln, NE 68509-8922

From: Aaron Rochester [<mailto:royalcharters@cableone.net>]
Sent: Friday, September 11, 2015 8:56 AM
To: Zach, Donnie
Subject: Re: CRT glass processing

I will send pics later but below I put responses under each question. I would agree completely with your synopsis below.

From: "Donnie Zach" <donnie.zach@nebraska.gov>
To: royalcharters@cableone.net
Cc: "Jeffery Edwards" <jeffery.edwards@nebraska.gov>
Sent: Friday, September 11, 2015 7:08:19 AM
Subject: CRT glass processing

Aaron,

In speaking with you yesterday, you informed me that CRT processing was taking place in Iowa and the crushed CRT glass was being brought to Nebraska and being stored on a cement pad and covered with a poly cover. You stated that the material would be stored over the winter and used in the future as a component in the production of landscaping block. You said that CRT crushing or processing was not taking place in Nebraska, simply the storage of the material for future use.

Could you please respond to this email with a full description of what is taking place? Be sure to include any pertinent information including the following:

- a.) Location of activities in Nebraska. Who owns the property? 2301 G Street South Sioux City, NE and is owned by DA Davis Co.
- b.) What background work did you complete prior to starting this process.....ie...contacts with city, county, etc....

Original Dennis, the one making the block, spoke to South Sioux City inspection services and showed them what we were doing and received approval as long as we were not making block on that sight but only storing. We called you after a disgruntled employee kept calling city hall and you complaining about what we were doing with allot of misinformation. Since yesterday that employee has been fired for conspiring to steal. He was turned in by 2 employees he spoke to about leaving our facility in Iowa open over the weekend.

- c.) What does the crushed glass consist of? % lead CRT's & non-lead. Include any testing you have done with a description of exactly what was being tested.

CRT's consist of allot of non-lead, steel and funnel glass that has baked on lead onto the glass. The funnel is the thinner glass at the back of the tube. The T-Clip tests will be updated in the next few weeks but the ones from a few years ago are attached. We basically put a high concentration of the funnel glass in concrete and asphalt to make sure there was no leaching and that it was a safe and usable product.

- d.) What is the plan for the material...ie..landscaping block only? If known, where will landscaping block production take place? Who will be producing the landscaping block?

Benson Brothers Co. will be making the block on his land just off 20 East on correctionville Rd. The plan is to make monster block and landscaping block starting in late spring of 2016.

- e.) What is the overall timeframe for the project? How long do you anticipate the material being onsite in Nebraska?

The lease is for one year and Benson Bros own their own dump truck and skid loader with scoop so they can safely and efficiently bring the material over one truck load at a time. By this time next year the site should be empty.

If there is any other pertinent information that you can think of, feel free to include it. Photos of the Nebraska sight might be helpful as well.

The material will be brought over until Nov 1st and then we will have a permanent large water proof Polly cover over the aggregate through the winter until it is transported and used in the spring.

Thanks Aaron.

Donnie Zach

Program Specialist, Compliance Unit

Waste Management Section

Nebraska Dept. of Environmental Quality

1200 N Street, Lincoln, NE 68509

October 02, 2012

Client:

RECYCLETRONICS DUAW
301 West 7th Street
Sioux City, IA 51103

Work Order: CVI1562
Project Name: TCLP Metals Only
Project Number: Recycletronics DUAW

Attn: Aaron Rochester

Date Received: 09/25/12

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-(800)750-2401

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Lead Sand/Asphalt	CVI1562-01	09/24/12 12:00

Samples were received into laboratory at a temperature of 4.10 °C.

NELAC states that samples which require thermal preservation shall be considered acceptable if the arrival temperature is within 2 degrees C of the required temperature or the method specified range. For samples with a temperature requirement of 4 degrees C, an arrival temperature from 0 degrees C to 6 degrees C meets specifications. Samples that are delivered to the laboratory on the same day that they are collected may not meet these criteria. In these cases, the samples are considered acceptable if there is evidence that the chilling process has begun, such as arrival on ice.

Please refer to the Temperature and Sample Receipt form that is included with this report for additional information regarding the condition of samples at the time of receipt by the laboratory.

The reported results were obtained in compliance with the 2003 NELAC standards unless otherwise noted.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific sample analyzed.

Approved By:



TestAmerica Cedar Falls
Linda Cmelik
Project Manager

RECYCLETRONICS DUAW
301 West 7th Street
Sioux City, IA 51103
Aaron Rochester

Work Order: CVI1562
Project: TCLP Metals Only
Project Number: Recycletronics DUAW

Received: 09/25/12
Reported: 10/02/12 09:25

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Quant Limit	Dilution Factor	Date Analyzed	Analyst	Reg. Limit	Method
Sample ID: CVI1562-01 (Lead Sand/Asphalt - Misc. Solid)					Sampled: 09/24/12 12:00		Recvd: 09/25/12 08:50		
TCLP Metals									
Lead	<0.100		mg/L	0.100	1	09/27/12 15:24	cjt	5	SW 6010B
TCLP Extraction by EPA 1311									
TCLP Extraction Temp. Minimum	21.6		°C	NA	1	09/26/12 08:40	jdb		SW 1311
TCLP Extraction Temp. Maximum	22.9		°C	NA	1	09/26/12 08:40	jdb		SW 1311

RECYCLETRONICS DUAW
301 West 7th Street
Sioux City, IA 51103
Aaron Rochester

Work Order: CVI1562
Project: TCLP Metals Only
Project Number: Recycletronics DUAW

Received: 09/25/12
Reported: 10/02/12 09:25

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
TCLP Metals SW 6010B	1211262	CVI1562-01	50.00	50.00	09/26/12 16:18	JCM	SW 3010A - TCLP

THE LEADER IN ENVIRONMENTAL TESTING

Phone 319-277-2401 or 800-750-2401
Fax 319-277-2425

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Sampler Signature: Gail Roberts

Quote #: PO#:

TAL-0033 (0708)

Sample Receipt and Temperature Log Form

Client: Recycletronics Project: _____

City: _____

Date: 9-25-12 Receiver's Initials: CH Time (Delivered): 8:50

Temperature Record:

Cooler ID# (If Applicable) <u>Styro</u>
<u>4.1</u> °C / <u>On Ice</u>

Thermometer:

- ☒ IR - 111531565 'D'
☐ IR - 111531506 'E'
☐ IR - 61854108 'Front'
☐ 101681126

Courier:

<input checked="" type="checkbox"/> UPS	<input type="checkbox"/> TA Courier
<input type="checkbox"/> FedEx	<input type="checkbox"/> TA Field Services
<input type="checkbox"/> FedEx Ground	<input type="checkbox"/> Client
<input type="checkbox"/> US Postal Service	<input type="checkbox"/> Other
<input type="checkbox"/> Spee-Dee	

☒ Temp Blank

☐ Temperature out of compliance

Custody seals present?

☒ Yes

Custody seals intact?

☒ Yes ☐ No

☐ Non-Conformance report started

Exceptions Noted

- ☐ Sample(s) not received in a cooler.
- ☐ Samples(s) received same day of sampling.
- ☐ Evidence of a chilling process
- ☐ No Temp. Blank. Inside temperature of cooler recorded.
- ☐ Temperature not taken:

October 02, 2012

Client:

RECYCLETRONICS DUAW
301 West 7th Street
Sioux City, IA 51103

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Lead Sand/Asphalt	CVI1562-01	09/24/12 12:00

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TestAmerica Cedar Falls
Linda Cmelik
Project Manager

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